


*Substitute for form 144B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/806370
				Filing Date	September 30, 1999
				First Named Inventor	Randall K. Holmes
				Group Art Unit	
Examiner Name					
Sheet	1	of	1	Attorney Docket Number	33,383-00

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number (If known)	Kind Code (If Known)			
1882	1.	5182109		Tamura	01-26-1993	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (If Known)				
1882	2.	PCT	WO 93/13202		Domenighini	07-08-1993		<input type="checkbox"/>
	3.	PCT	WO 96/06627		Clements	03-07-1996		<input type="checkbox"/>
	4.	PCT	WO 97/02348		Pizza	01-23-1997		<input type="checkbox"/>
	5.	PCT	WO 97/05267		King	02-13-1997		<input type="checkbox"/>
	6.	PCT	WO 98/45324		McGhee	10-15-1998		<input type="checkbox"/>
	7.	PCT	WO 97/29771		Fontana	08-21-1997		<input type="checkbox"/>
	8.	PCT	WO 98/32461		Clements	07-30-1998		<input type="checkbox"/>
	9.	PCT	WO 98/42375		Barchfeld	10-01-1998		<input type="checkbox"/>

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T	
<div>1882</div> <div>✓</div> <div>✓</div> <div>✓</div> <div>✓</div> <div>✓</div> <div>✓</div> <div>✓</div> <div>✓</div> <div>✓</div> <div>✓</div> <div>✓</div> <div>✓</div> <div>✓</div> <div>✓</div> <div>✓</div> <div>✓</div> <div>✓</div> <div>✓</div>	10.	JOBLING, MICHAEL G., Analysis of the Structure and Function of Cholera Toxin A Subunit, Abstracts of the General Meeting-1991, American Society for Microbiology, p. 59, Abstract No. B-205.	<input type="checkbox"/>	
	11.	GLINEUR, CORINE, Importance of ADP-Ribosylation in the Morphological Changes of PC12 Cells Induced by Cholera Toxin, Infection and Immunity, Oct. 1994, pp. 4176-4185, Vol. 62, No. 10.	<input type="checkbox"/>	
	12.	LYCKE, N., Strong Adjuvant Properties of Cholera Toxin on Gut Mucosal Immune Responses to Orally Presented Antigens, Immunology, 1986, pp. 301 - 308, Vol. 59.	<input type="checkbox"/>	
	13.	MCKENZIE, SARA J., Cholera Toxin B Subunit as a Carrier Protein to Stimulate a Mucosal Immune Response, The Journal of Immunology, October 1984, pp. 1818 - 1824, Vol. 133, No. 4.	<input type="checkbox"/>	
	14.	MEKALANOS, JOHN J., Cholera Toxin Genes: Nucleotide Sequence, Deletion Analysis and Vaccine Development, Nature, December 8, 1983, pp. 551 - 557, Vol. 306.	<input type="checkbox"/>	
	15.	NEDRUD, JOHN, Oral Immunization Against Respiratory Viruses in Mice, Advances in Mucosal Immunology, 1995, Vol. 371B, pp. 1595 - 1598.	<input type="checkbox"/>	
	16.	ELSON, CHARLES O., Generalized Systemic and Mucosal Immunity in Mice After Mucosal Stimulation with Cholera Toxin, The Journal of Immunology, June 1984, pp. 2736 - 2741, Vol. 132, No. 6.	<input type="checkbox"/>	
	17.	ELSON, CHARLES O., Cholera Toxin Feeding Did Not Induce Oral Tolerance in Mice and Abrogated Oral Tolerance to an Unrelated Protein Antigen, The Journal of Immunology, December 1984, pp. 2892 - 2897, Vol. 133, No. 6.	<input type="checkbox"/>	
	18.	RICHARDS, C.M., Enhancement of the Immune Response to Non-replicating Herpes Simplex Virus Type-1 Preparations by Mucosal Administration in the Presence of Cholera Toxin, Vaccine, 1997, pp. 1065 - 1069, Vol. 15, No. 10.	<input type="checkbox"/>	
	19.	YAMAMOTO, SHINGO, Mutants in the ADP-ribosyltransferase Cleft of Cholera Toxin Lack Diarrheagenicity but Retain Adjuvanticity, J. Exp. Med., April 7, 1997, pp. 1203-1210, Vol. 185, No. 7.	<input type="checkbox"/>	

Examiner Signature		Date Considered	3/2002
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		Application Number	09/806,370		
		Filing Date	September 30, 1999		
		First Named Inventor	Holmes et al.		
		Group Art Unit	1645		
Examiner Name	Portner				
Sheet	1	of	2	Attorney Docket Number	33,383-00

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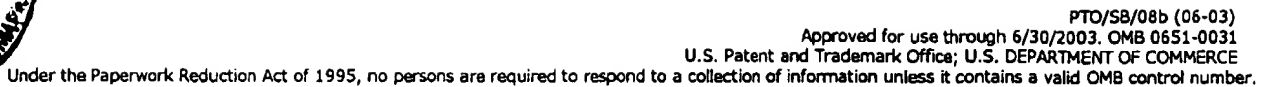
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V81	AL	WO-92/19265	11-12-1992	AMGEN		

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